

technology lessons 4 teachers

school year

2011 - 12

summer book of ideas vol. 2

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view online

To view this resources online at [LiveBinders](#) go to, bit.ly/O0OQkF. You can also view all the sites, apps, ActivInspire tips, & articles in an organized, easy to navigate setting from two years of the TL4T newsletter at tl4t.wikispaces.com.

feature applications



3 places for online talking storybooks

browser books, meegenius!, interactive stories for kids

Browser Books

Browser Books (bit.ly/A10wuH) - This website was created to allow beginning readers to read books on the web. Readers can click on the triangle on each page to turn the page. If they are unsure of a word, they can always click on it to hear it read to them. The books have been sorted by level & by curricular area.

MeeGenius! (meegenius.com/store/books/free) - Is a nice source of free & paid ebooks for kids. A neat feature offered is automatic word highlighting to accompany the narration of each book. This site is also a free app for iPad/iPhone & Android devices.



The Woodlands Junior School's Interactive Stories for Kids (bit.ly/MBLvLR) is a school website based in the UK. This site has educational games for elementary age students, but they also have a nice collection of links to free online talking storybooks.



appitic | www.appitic.com



Need help in finding the right app to use for your students? APPitic is a great resource for you to use. Apple Distinguished Educators created this site, & it allows you to browse for apps by, SPED/Autism, Preschool, themes (curricular areas), Multiple Intelligences, Bloom's Revised Taxonomy, NETS (ISTE's National Education Technology Standards), for teachers, & tools. Most categories are then refined to smaller categories to search. Since you can look for apps in Multiple Intelligences, Bloom's Taxonomy, & NETS, it helps in finding apps that encourage higher orders of thinking. Each review over the 1,300 apps listed, gives a thorough description, devices supported, & a price for the app.

www.schrockguide.net/bloomin-apps.html

The diagram illustrates the 21st-century skills framework as six interconnected gears, each representing a core skill area with associated sub-skills:

- Understanding (Red Gear):** CATEGORIZING, ANNOTATING, THINKING, ANALYZING, BLOGGING, REASONING.
- Remembering (Orange Gear):** RECALLING, BOOKMARKING, LISTING, SEARCHING, FINDING, PROCESSING.
- Creating (Dark Blue Gear):** PRODUCING, DESIGNING, STORYTELLING, PUBLISHING, ADAPTING, CHANGING.
- Evaluating (Teal Gear):** NETWORKING, POSTING, DISSEMINATING, COLLABORATING, CRITIQUE, CONFERENCING.
- Analyzing (Green Gear):** ORGANIZING, STRUCTURING, SURVEILLING, MASKING, DECONSTRUCTING, OUTLINING.
- Applying (Purple Gear):** EVALUATING, INTERVIEWING, ELABORATING, FORMING, PRESENTING, SPECIALIZING.



www.classtools.net



elementary



document camera ideas

www.pre-kpages.com/elmo/

Pre-K Pages was designed as a resource for parents & educators of young children & includes printable products as well as on-site professional development for teachers. A great resource available is an article about document camera classroom uses. Document cameras are real-time image capture devices for displaying an object to a classroom. They can be over \$500 & as low as \$69.

Once you have a document camera, here are some classroom ideas for you to use,

- Word Walls
- Poems & Charts
- ABC Manipulatives
- Question of the Day
- Show & Tell
- & Much more



kerpoof

www.kerpoof.com



KerPoof is an engaging site with tools to create storybooks, cards, pictures drawings, & multimedia movies. Use KerPoof for language arts, math, science, social studies, & more!

Lesson ideas for using KerPoof,

- Creative & journal writing tool
- Animated movies
- Comics with speech bubbles
- Comprehension tool



Teacher Tools: www.kerpoof.com/teach. It's filled with lesson plans & classroom ideas.

Mathwire is designed to provide activities & worksheets for teachers. All material supports a hands-on approach to learning mathematic skills. Also a bonus, all materials support NCTM Standards. Activities & worksheets are classroom-tested by teachers & have been modified to reflect this field-testing.



qr code classroom ideas

There are a lot of resources available with lesson ideas for using QR codes in classrooms. Here a few ideas that are our favorite. They come from a variety of sources.



1. Adding QR codes to Word documents for students to check their answers.
2. Print a QR code on a sticker & place in a textbook at the relevant point. Pupils scanning the QR Code are taken to related material, for example a video, web page or source of further information.
3. Create an "easter egg/scavenger hunt". The students must seek out the QR codes that are posted in a given area. Use the codes to go to information to answer a question &/or find a clue. Then on to finding the code.
4. Add QR codes that lead to book trailers to the backs of library books.
5. Add QR codes to math worksheets with video tutorials of how to solve the problems.
6. In math provide some data on a paper handout with a QR code for an online graphing tool like *Create-a-Graph* (<http://nces.ed.gov/nceskids/createagraph/>).
7. Stick a QR code wherever there is a child's target (e.g. at the front of a their text book or on a wall display). Link to an audio or video recording explaining what their target is & the steps & strategies to achieve it.
8. When learning about money, I know that many of us set up 'class shops'. Why not add another dimension to this by pricing up some of the class shop items with QR codes. Children can scan these to find out the price in the same way that items would have their barcodes scanned at the checkout of a real shop.
9. Create an audio or video podcast & create a QR code for students to use to listen or watch the audio or video podcast.
10. Place QR codes in the outdoor classroom containing information about the tree, plant, insect, or object while they explore.
11. Create a math worksheet that has QR codes besides each problem. Upon scanning the code a step-by-step tutorial is launched in YouTube explaining the process of solving the problem. Students can use when they are stuck on a particular problem or to check their work.
12. Stick QR codes in reading books that the children take home. These could link to online comprehension questions for parents or to websites that children can use to find out more information about the books or to related games that they can play.

middle school



gaggle | gaggle.net



A site that is all about online safety for students through monitored email, calendars, homework drop boxes, message boards, blogs, & digital lockers. Students can edit & collaborate together (using Zoho online docs), a key piece for 21st century learning. Also included is filtered YouTube access. Gaggle allows teachers to use technology to communicate with their students, & with easy management & organization of their classes. One of the great features about Gaggle, it helps students learn how to communicate using technology in a professional manner.

Want more information about using Gaggle with students? Don't forget about the free webinars at www.gaggle.net/webinar.



pixlr | pixlr.com



Pixlr offers a great set of image creation & editing tools similar to Picnik. Besides their web-based service, they also have apps for Androids phones & iPhones (**Pixlr-o-Matic**). To top it off they even offer Firefox & Chrome browser extensions for screen captures (**Pixlr Grabber**).

Pixlr Editor is the featured image creation & editing tool. You can create drawings from scratch, & has options for uploading images or importing images from other places on the web. There is a large selection of creation & editing tools. There are also options for making multiple layer images, dozens of filter settings, & of course tools for cropping and resizing images. For a simple quick touch-up or resizing of an image, there is **Pixlr Express**.





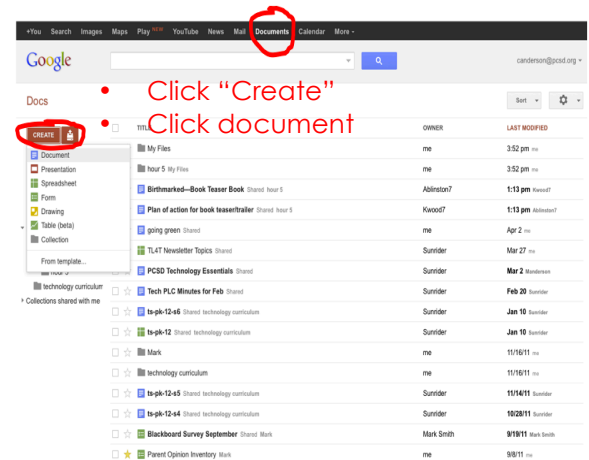
sharing a google document

1.

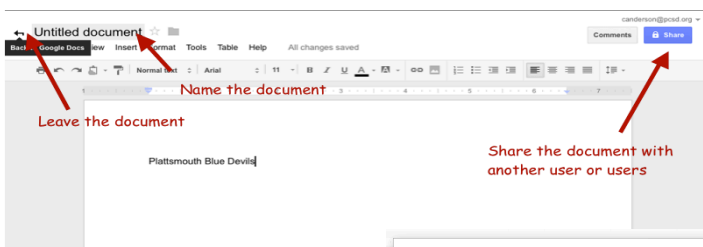


2.

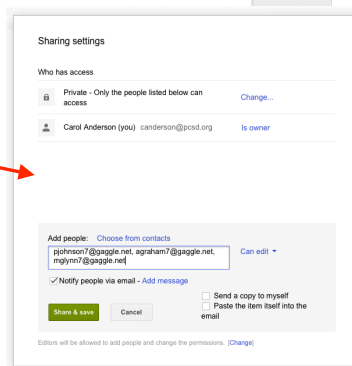
Go to Documents



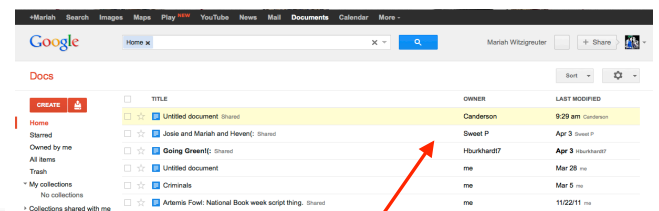
3.



This window appears when you share the document with another person or a group of people.



4.



When a Google document is shared with another person, the shared document appears in their list of documents.

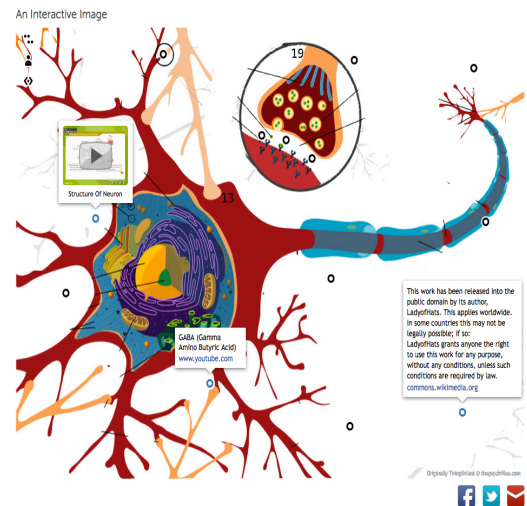


thinglink

| www.thinglink.com

Thinglink makes it easy to add photo tags to images on blogs or websites. Add SoundCloud tags to images so they play songs or other sounds. With video tags, visitors can watch content directly on the image. The basic account provides the ability to store & tag 50 images.

Not quite sure how to use this great tool in a lesson, check out this Google Presentation – *26+ Ways to Use Thinklink in the Classroom* (bit.ly/KY9dn4). A collaborative doc that is always growing with ideas, so don't forget to go back to check out new ideas being added.



..thinglink..

high school



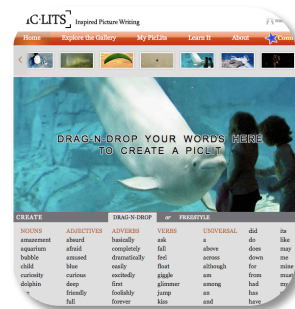
the learning network | learning.blogs.nytimes.com/

An online news site for grades 3-12 from The New York Times. This awesome resource is free for educators (with registration required). Daily lessons linked to past & present news items, as well as featured links to various NYT archives. Thought-provoking questions for students to respond to - many classes respond as part of their class, posting with a handle so their instructor can easily see which of their students are responding. Excellent resource for high school instructors of all subject areas; especially as you work to incorporate non-fiction reading & writing as part of the Common Core.



piclits | www.piclits.com

A fun tool pairing visual literacy & text literacy; select a picture & then drag words based on a concept, theme, story, reflection, etc. They can be as simple as 5 words or as many as 50. A good tool for encouraging concise writing & reflection. While an obvious tool for writing poetry & exploring figurative language, it can be a good way to apply those skills to less obvious subject areas like science, history, & even math. You can share creations via email, social media & save them. Be aware that this is not a monitored site but most content is fine, just a caution for those at the elementary &/or middle school level.



read-alike websites for all ages

Many people use the "Customers Who Bought This Item Also Bought" feature on Amazon to find new books based on previous favorites. Read-alike websites offer an alternative with variable parameters to suggest potential new favorites: author, series, genre, title. There are numerous sites with this designation (ex: if you like Janet Evanovich you might also like J. D. Robb, Rita May Brown or Carl Hiaasen). Pay attention to how recently the site has been updated.

- booksandauthors.wiseto.com/bna/
- bookbrowse.com/read-alikes/
- hclib.org/pub/bookspace/FindAGoodBook.cfm
- anniston.lib.al.us/readalikes.htm#name
- www.linc.tas.gov.au/ (Australian library)





stay tuned...

The High School Library will be adding two new resources next year, *Rosen Teen Health & Wellness* and *Gale/Cengage Culinary Database*. There will be several brief training sessions at the start of next year - and some incentives for teachers who incorporate their use into their instruction (don't worry, Mrs. Chou is happy to help!).

We will also be adding digital audiobook downloads & ebooks (accessible from many devices) to the collection. Info on these will be provided at the beginning of next year.

all learners



bookshare | www.bookshare.org

Bookshare is an online accessible digital library for books & periodicals for readers with print disabilities. It is a free service, & has over 127,000 digital books, New York Time best sellers, textbooks, & teacher recommended reading, periodicals, & assistive technology tools in its collection. As a teacher you need to register students & provide a proof of disability, & this ensures qualified individuals use the service. Bookshare serves people with visual impairments, physical disabilities, & learning disabilities. Bookshare works on mobile devices, with apps to download, Macs & PCs (with a free download), & assistive technology devices.



dragon dictation | ipod/ipad app

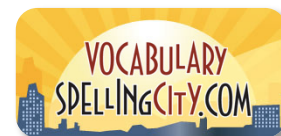


A free & easy to use app, Dragon Dictation is a voice recognition application. Speak easily into the device's microphone & instantly see your text. A quick way to dictate thoughts for a story, or to jot down a recap over a topic discussed in class. This application allows users to share recordings via text message, email, or copy & paste it into a note or document. There is also an editing feature that provides a list of suggested words, just in case Dragon couldn't hear over a loud background noise.



spelling city | www.spellingcity.com/

Spelling City is a website where students insert a spelling list to study, play games, finish worksheets, & play other interactive activities. Besides spelling games, Spelling City also offers the capability for students to type a word and hear it pronounced. There is access to teacher resources such as math & science vocabulary & Dolch-sight word lists. There are word lists from elementary to high school. There are 14 games included, printables, & writing practice. The only negative, is unless you sign up for an account, you or your students would have to enter the words every time you use the site.





twurdy | www.twurdy.com

TWURDY BETA

Twurdy is search tool that displays the readability of your search. It uses a color-coded system to indicate how easy or difficult a website is to read. There are three types of searches,

- **Just Twurdy** – searches using Twurdy's basic algorithm with medium speed & medium results.
- **Simple Twurdy** – searches using Twurdy's simple algorithm for fast speed but less accurate results.
- **Twurdy with Pop** – searches using Twurdy's most complex algorithm, which includes looking up the popularity of words within the text. It has a slower speed with more accurate results.

activinspire lessons

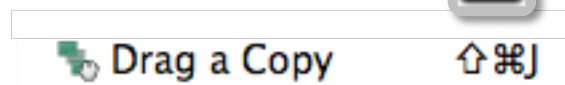


drag a copy | flipchart: drag a copy



This feature allows you to duplicate an object unlimited number of times. First select an object to bring up the

Marquee Handle. Then click on the **Object Edit Menu** (the third button in, looks like a mini menu). Finally, select **Drag a Copy**. A hand with a plus sign will now appear when you hover over the object. To remove the Drag a Copy, simply go back into the Object Edit Menu & uncheck it.



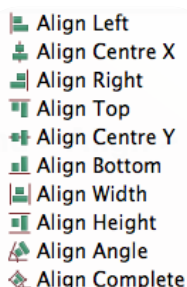
Flipchart ideas,

- Periodic table – each element is set to Drag a Copy, & students create or match chemical compounds.
- Math shapes – give students a shadowed shape, each shape is set to Drag a Copy, & students try to match the given shadow.
- Morning calendar – days of the week, patterns, or weather icons can be set to Drag a Copy.
- Hundreds, tens, & ones – set ones, tens, & hundreds to Drag a Copy, & students match the numbers.



miscellaneous tools | flipchart: mixed bag

Here are some miscellaneous tools that may be helpful for you when creating a flipchart.



Align – When you want your page to look orderly, align objects for a clean look. Select the objects you want to align; it can be text, shapes, images, etc... Then go to the **Object Edit Menu** (click on the object to bring up the **Marquee Handle** to find the Object Edit Menu). Under the Object Edit Menu choose **Align** & then choose your alignment. You can align left, right, top, bottom, or along x or y center.

Connector Tool – The **Connector Tool** can be used to links in concepts to create cycles, mindmaps, & matching. Once objects are connected, they will be connected where they move on the page.



Curve Chain Tool – It allows you to trace a shape on top of an object or to make curves in your freeform shapes. It is located under the **Shapes Tool**. This tool is a good choice when you need to draw objects with a lot of curves. When you are going to change directions, do it in small steps so it will look right. It is best to play with this tool before you need it so you will know how to use it.



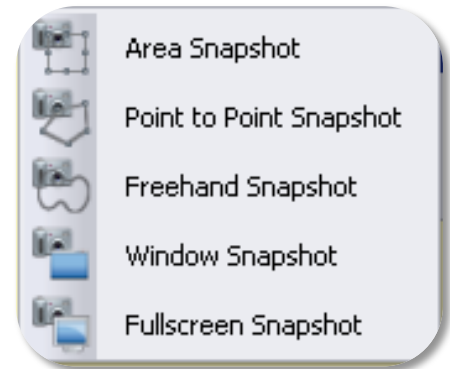
camera tool

flipchart: camera caption

The **Camera** tool is a great tool that can be used in a lot of different ways. The Camera tool is also available by clicking on the **Tools** icon in the main toolbox & by clicking **Tools > Camera**. The Camera tools can be used for creating a turning part of a PDF or worksheet into a interactive transparency or whole group practice.

There are different settings for the Camera tool,

- **Full Screen** – Captures the full screen
- **Window Snapshot** – Captures the Inspire window
- **Freehand** – Click & drag to draw freehand & make a highlighted area that will be your image
- **Point to Point** – Click & drag to draw straight lines to make a highlighted area that will be your image
- **Area** – A highlighted box will appear that will be your image



Your snapshot can go to a new page, current page, or be saved to your resources. Just remember that the Camera tool takes images that cannot be edited.

math tools

flipchart: math tools

ActivInspire offers a collection of math tools to choose from. To view the different tools, go to **Tools > Math Tools**. To customize your **Math Tools**, by changing the color & transparency go to **File > Settings > Tools**. Remember, you might want to practice with some of the tools first to get a feel for them.



Ruler – You can move, angle, & change the measurement units



Set Square – Easily create a right angle, & change the size & degrees



Protector – You can move, angle, change from full to half protractor, & either draw an arc, closed arc, or a full arc

Compass – You can adjust the height & width, & mirror the Compass



XY Origin – Makes an object rotate around the center of the XY Origin point



Dice – Choose up to 5 dice, the speed of the roll, & output the total of the dice to your flipchart.



Calculator – Choose between the adult or child calculator, & drag & drop the equation from the calculator to the flipchart.

ipod apps



elementary



grammar jammers primary edition

For grades K-5, catchy animated songs & rhymes make learning grammar fun. The music will have you tapping your toes while the animation unlocks quizzes over grammar usage & mechanics. There are unique animations & quizzes over the following topics; adjectives, contractions, nouns, pronouns, punctuation, sentences, & verbs.



love to count by pirate trio

Love to Count by Pirate Trip is designed for children from ages 4 to 7. It is a pirate themed math games with over 700 math tasks, including introducing & practicing counting, adding, subtracting, & ordering. Aimed at introducing math concepts to students as an enjoyable and rewarding activity.



miss spell's class

A fun word game that has students test their spelling skills against the most commonly misspelled words on Dictionary.com. Students must quickly decide whether each word is spelled correctly or incorrectly. Speed & accuracy count!



subtracting sardines

Students will learn how to solve math subtraction from 1-9 right up to 9-9. They will also count from -8 to 8 using visual & verbal skills. This app develops conceptual understanding using 3D graphics.



middle school



channel one news

Channel One News is a 12-minute news program for middle & high school students. They have now created an app that puts Channel One News in students' hands. Students can watch the latest video reports & keep up with breaking news, take quizzes, & weigh in on big stories.



factor samurai

Similar to the app Fruit Ninja, Factor Samurai takes this concept & turns the fruit into numbers. Students slice through all numbers that have prime factors. A great way for students to practice their times table.



flashcards+

This app allows students to easily create & study flashcards. What's even better is that Flashcards+ has access to Quizlet.com's number one rated database of flashcard decks, which means students may not even need to create a deck & use an already created one for quick study. Also included is a voice pack that has over 22 different languages & dialects.



presidents vs. aliens

From the creator of Stack the States, Presidents vs. Aliens makes learning about the presidents fun! Learn facts, quotes, nicknames, & events about different presidents to defeat the aliens by flinging the presidents at the aliens to knock them down. Flashcards are also provided about all 44 presidents to brush up on presidential knowledge.



high school



google translate

Translate words & phrases between more than 60 languages. Just speak your phrase & hear the corresponding translation.



musée du louvre

The official application for the world famous Louvre. Discover the museum & the beautiful artwork housed within. There are over 500 images & details to zoom in from their collections, along with a presentation of the palace & its history. Welcome to the Louvre!



today's document

Explore American history 365 days a year, with this app from the National Archives. 365 of the most fascinating documents & photos from the collections of the US National Archives. Features documents include; Declaration of Independence & Emancipation Proclamation, also documents like the Zimmerman Telegram, President Dwight D. Eisenhower's 1961 Farewell address, & a handwritten draft of President John F. Kennedy's 1961 Inaugural Address.



vocabulary

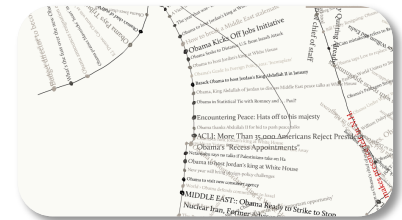
Help build your students' vocabulary with this app. View the word of the day from several Internet sources. Also included a quiz game to test your students' knowledge with words they have previously already learned.

websites 2 check out



doodlebuzz | www.doodlebuzz.com

Draw a line, & watch the results show with **DoodleBuzz**, a typographic news explorer. DoodleBuzz is a new way to read the news through an interface that allows you to create maps of current news stories. Just drag a new line from a result to see new topics about that result.



logotype maker | <http://logotypemaker.com>



Logotype Maker is a free tool for creating your logos. To create a logo just type in your name or a phrase & Logotype Maker will generate a random selection of logos. You can customize the size, color, & font style of the logos along with

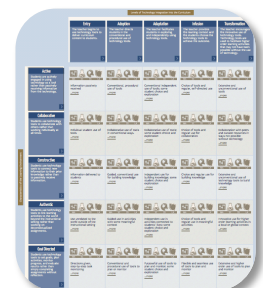
changing out the logo image. You can also customize logos by uploading your own PNG image to be used in the logo. If you find logos that you like, you can download them. This is a great way for students who need create logos for school projects or reports.



technology integration matrix | <http://bit.ly/Atzl4C>

The Florida Center for Instructional Technology has a **Technology Integration Matrix (TIM)** for teachers. The matrix is a 5x5 grid of suggestions & examples for using technology in a K-12 classroom. The vertical axis of the matrix refers to characteristics of the learning environment. Those environments are active, collaborative, constructive, authentic, & goal directed. The horizontal axis of the grid refers to the level of technology integration into the curriculum. The levels are, entry, adoption, adaptation, infusion, & transformation.

To use the TIM, pick a curricular area (math, science, social studies, & language arts) from a box to watch video examples of using technology in education. There are video examples for each part of matrix. This TIM could be a great resource for those who want to use technology in their classrooms, but just aren't sure how to get started.





zoom.it | <http://zoom.it>



Zoom.it is a neat web application for displaying large images in blogs, wikis, & websites. Zoom.it creates a display of your images in a format that allows you to zoom in, zoom out, & scroll around a large image. To use Zoom.it you need to provide the website with a link to an image on the web, which means the URLs can be images, web pages, or PDF files. Once you create a zoomable image, just copy the URL provided & share your image by giving people the direct link to it or by embedding the image into your blog or website.